



Dr. Qaisar Ali Associates (SMC-Private) Limited Structural Design Specialists

CONSULT/1665

Emergency Response Plan

1. Purpose

The purpose of this Emergency Response Plan (ERP) is to provide clear and actionable procedures to manage emergencies effectively, ensuring the safety of personnel, minimizing environmental impact, and protecting company assets. The plan addresses potential hazards specific to these areas, including road accidents, civil disturbances, natural disasters, and environmental incident.

2. Scope

This plan applies to all Dr. Qaisar Ali Associates' employees, contractors, and stakeholders involved in operational activities. It provides guidance on preparedness, response, and recovery for emergencies that may occur during geotechnical, topographical, and pipeline route surveys.

3. Objectives

- ✚ Safeguard lives and minimize injury risks during emergencies.
- ✚ Ensure a coordinated and effective response to emergencies.
- ✚ Mitigate environmental damage and protect local ecosystems.
- ✚ Resume operations promptly with minimal disruptions.

4. Potential Hazards

The following hazards are considered:

- ✚ **Road Accidents:** Due to challenging terrain, poor road conditions, and heavy vehicle use.
- ✚ **Natural Disasters:** Earthquakes, flash floods, and extreme weather conditions.
- ✚ **Civil Disturbances:** Protests, blockades, or security threats.
- ✚ **Environmental Incidents:** Fuel or chemical spills and improper waste disposal.

Address:

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- ✚ **Medical Emergencies:** Injuries or sudden illnesses on-site.

5. Emergency Response Structure

Emergency Response Team (ERT):

- ✚ **Emergency Coordinator:** Oversees the overall emergency response and decision-making.
- ✚ **Site Supervisor:** Manages on-site activities, ensures personnel safety, and coordinates with external agencies.
- ✚ **First Aid Officer:** Provides medical assistance until professional help arrives.
- ✚ **Logistics Officer:** Ensures the availability of emergency supplies and manages transportation.

Emergency Contact List:

- ✚ Local Emergency Services (Police, Fire Brigade, Medical):

1. **Police:** 15
2. **Rescue Services:** 1122

- ✚ Company Emergency Hotline: +92 313 966 9014
- ✚ Key Personnel: Engr. Ejaz Ahmad (+92 346 922 2425)
- ✚ Dr. Qaisar Ali (+92 333 919 4676)

6. Emergency Procedures

General Steps for All Emergencies:

1. Assess the situation and determine the severity of the incident.
2. Notify the Emergency Coordinator and activate the ERP if necessary.
3. Alert all personnel on-site and initiate evacuation procedures if required.
4. Contact external emergency services and provide accurate information about the incident.
5. Secure the site to prevent further risks or damage.
6. Record details of the incident for post-event analysis.

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Road Accidents:

- ✚ Stop the vehicle immediately and ensure the safety of all passengers.
- ✚ Place warning signs or cones to alert other road users.
- ✚ Administer first aid to injured personnel.
- ✚ Contact local emergency services and the Emergency Coordinator.
- ✚ Document the incident with photographs and witness statements.

Natural Disasters:

- ✚ **Earthquake:** Move to open areas away from buildings, trees, and power lines.
- ✚ **Flash Floods:** Relocate to higher ground and avoid crossing flooded areas.
- ✚ **Extreme Weather:** Suspend outdoor activities and seek shelter until conditions improve.

Civil Disturbances:

- ✚ Avoid confrontation and maintain a low profile.
- ✚ Evacuate the site if the situation escalates, following pre-planned routes.
- ✚ Notify local authorities and the Emergency Coordinator.

Environmental Incidents:

- ✚ Stop all operations immediately.
- ✚ Contain spills using absorbents or barriers to prevent further spread.
- ✚ Report the incident to the Emergency Coordinator and relevant environmental authorities.
- ✚ Ensure proper cleanup and disposal of contaminated materials.

Medical Emergencies:

- ✚ Administer first aid using the on-site kit.
- ✚ Contact local medical services for assistance.
- ✚ Transport the injured individual to the nearest hospital if necessary.

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7. Emergency Equipment and Resources

- ✚ First Aid Kits: Fully stocked and accessible at all sites.
- ✚ Fire Extinguishers: Inspected and maintained regularly.
- ✚ Spill Control Kits: Includes absorbents, barriers, and disposal bags.
- ✚ Communication Devices: Radios, mobile phones, and emergency contact lists.
- ✚ Evacuation Maps: Displayed at all sites with clearly marked assembly points.

8. Training and Drills

- ✚ Conduct quarterly emergency response drills to test the ERP.
- ✚ Provide specialized training for ERT members, including first aid, fire safety, and spill control.
- ✚ Educate all employees and contractors on emergency procedures during induction and refresher sessions.

9. Post-Emergency Actions

- ✚ Conduct a thorough incident investigation to identify root causes.
- ✚ Prepare a detailed report, including recommendations for preventing future incidents.
- ✚ Review and update the ERP based on lessons learned.
- ✚ Provide counselling and support to affected personnel if necessary.

10. Approval and Endorsement:

This Emergency Response Plan is endorsed by the senior management of Dr. Qaisar Ali Associates to demonstrate our commitment to safety, environmental protection, and operational resilience.